

DERWENT-ACC-NO: 1977-06776Y

DERWENT-WEEK: 197704

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TITLE: Lubricant for welding wire - contg. emulsifier, water insoluble cpd.
and water

INVENTOR-NAME:

PRIORITY-DATA: 1975JP-0068787 (June 6, 1975)

PATENT-FAMILY:

PUB-NO PAGES	MAIN-IPC	PUB-DATE	LANGUAGE	
JP 51144353 A N/A		December 10, 1976	N/A	000
JP 83054917 B N/A		December 7, 1983	N/A	000

INT-CL_(IPC): B23K035/36

ABSTRACTED-PUB-NO: JP51144353A

BASIC-ABSTRACT: The lubricant is used in arc welding and electrogas welding Its

pH is adjusted to 7.5-10.0. It contains 4-17 wt.% of emulsified sulphuric acid

ester of high fatty acid and soap, alkali salt of higher fatty acid of >C8

resin acid or naphthenic acid alkali metal salt, alkylallylsulphonate,

alkylphenol sulphonate etc. and the remainder water, and water insol. liquid

e.g. higher fatty acid or higher alcohol >c8, having carboxyl - group or hydroxy group as hydrophilic gp.

Incorporating trace amt. of the lubricant agent on the surface of the welding

wire helps to increase the feeding capacity, corrosion and rust prevention, and

welding operation. Also a weld pt. of high quality contg. a decreased amt. of hydrogen is produced.

TIX:

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TTX:

LUBRICATE WELD WIRE CONTAIN EMULSION WATER INSOLUBLE COMPOUND
WATER